Maximus III GENE
Mini Size, Max Power

- Intel® LGA1156 Core™ i7 and Intel® Core™ i5 Processors
- Intel® P55 Express chipset / DDR3 2133(O.C.)
- ROG Connect
- GameFirst
- MemPerfect
- SupremeFX X-Fi built-in

The Republic of Gamers consists only the best of the best. We offer the best hardware engineering, the fastest performance, the most innovating ideas, and we welcome the best gamers to join in.

In the Republic of Gamers, mercy rules are only for the weak, and bragging rights means everything. We believe in making statements and we excel in competitions. If your character matches our trait, then join the elite club, make your presence felt, in the Republic of Gamers.

REPUBLIC OF GAMERS

CPU Features

Supports Intel® Processors in the LGA1156 Package

This motherboard supports the latest Intel® Lynnfield processors in LGA1156 package, which as memory and PCI Express controller integrated to support 2-channel (4 DIMMs) DDR3 memory and 16 PCI Express 2.0 lanes, providing great graphics performance. Intel® Lynnfield processor is one of the most powerful and energy efficient CPU in the world.

Supports intel CORE i7 inside

Supports intel CORE i5 inside

Chipset Features

Intel® P55 Chipset

The Intel® P55 Express Chipset is the latest one-chipset design to support the latest 1156 socket Intel® Lynnfield processors. Intel P55 provides improved performance by utilizing serial point-to-point links, allowing increased bandwidth and stability.

intel Chipset inside

PCIe 2.0

Double Speed; Double Bandwidth
This motherboard supports the latest PCIe 2.0 devices for double speed and bandwidth which enhances system performance.

PCIe Express 2.0 PCIe 2.0

Multi-GPU Technology

SLI/CrossFireX On-Demand

Why choose when you can have both?
SLI or CrossFireX? Fret no longer because with the ROG Maximus III GENE, you´ll be able to run both multi-GPU setups. The board features SLI/CrossFireX on Demand technology, supporting SLI or CrossFireX configuration. Whichever path you

NVIDIA SLI READY

ATI CROSSFIRE X TECHNOLOGY

Memory Feature

Dual-Channel, DDR3 2133(O.C.) MHz Support

The motherboard supports DDR3 memory that features data transfer rates of 2133(O.C.)/2000(O.C.)/1800(O.C.) /1600/1333/1066 MHz to meet the higher bandwidth requirements of the latest operation system, 3D graphics, multimedia, and Internet applications. The dual-channel DDR3 architecture double the bandwidth of your system memory to

DDR3 2133 (O.C.)

take, you can be assured of jaw-dropping graphics at a level previously unseen.

boost system performance.

ROG Exclusive Features

ROG Connect

Plug and Overclock - Tweak it the hardcore way!
Monitor the status of your desktop PC and tweak its parameters in real-time via a notebook—just like a race car engineer—with ROG Connect. ROG Connect links your main system to a notebook through a USB cable, allowing you to view real-time POST code and hardware status readouts on your notebook, as well as make on-the-fly parameter adjustments at a purely hardware level.

GameFirst

The speed you need to pwn
Low Internet latency allows you to frag more, and get fragged less. That´s why ROG has introduced GameFirst, a feature that manages the flow of traffic according to your needs so that you can still listen to online music, download and upload files, and engage in Internet chats without sacrificing the low ping times you need to pwn your opponents.

MemPerfect

Optimize your memory without lifting a finger!
Why risk crippling your system with poorly tuned memory? Now, with ROG´s exclusive MemPerfect optimizing your memory performance is a simple matter of selecting the frequency you desire, and letting MemPerfect do the rest! MemPerfect quickly checks your memory settings for errors and automatically fixes them—ensuring system stability and maximum efficiency.

CPU Level Up

A Simple click for instant upgrade
Ever wish that you could have a more expansive CPU? Upgrade your CPU at no additional cost with ROG´s CPU Level Up! Simply pick the processor you wanted to OC to, and the motherboard will do the rest!
See the new CPU speed and enjoy that performance instantly. Overclocking is never as easy as this.

iROG

Intelligent multiple control at hand
The iROG is a special IC which enables several ROG highlitghted functions that gives users full disposal of the motherboard at any stage! This design allows advanced user control and management to be processed purely at a hardware level. iROG greatly increases fun during overclocking for PC enthusiasts and it offers system maintainence and management with more control and efficiency.

Extreme Tweaker

One stop performance tuning shop
Extreme Tweakers is the one stop shop to fine-tune your system to optimal performance. No matter if you´re looking for frequency adjustment, over-voltage options, or memory timing settings, they´re all here!

MemOK!

Any memory is A-OK!
Memory compatibility is among the top concerns when it comes to computer upgrades. Worry no more, MemOK! is the fastest memory booting solution today. This remarkable memory rescue tool requires nothing but a push of a button to patch memory issues and get your system up and running in no time. The technology is able to determine failsafe settings that can dramatically improve system booting success.

Voltiminder LED

Friendly reminder on Voltage Settings
In the pursuit of extreme performance, overvoltage adjustment is critical but risky. Acting as the "red zone" of a tachometer, the Voltiminder LED displays the voltage status for CPU, PCH, and Memory in a intuitive color-coded fashion. The voltiminder LED allows quick voltage monitoring for overclockers.

ProbeIt

Get all hands-on with hardware-based overclocking
ProbeIt takes the guesswork out of locating the motherboard´s measurement points, identifying them clearly in the form of 5 sets of detection points so you´ll know exactly where to get quick yet accurate readings using a multitester.

Loadline Calibration

Optimal power boost for extreme CPU overclocking!
Maintaining ample voltage support for the CPU is critical during overclocking. The Loadline Calibration ensures stable and optimal CPU voltage under heavy loading. It helps overclockers enjoy the motherboard´s ultimate OC capabilities and benchmark scores.

COP EX

Maximum OC with confidence with burn proof protection to chipsets and CPU!
The COP EX allows overclockers to increase chipset voltages without the worries of overheating. It can also be used to monitor and save an overheating CPU. The COP EX allows more freedom and less constraint for maximum performance achievement.

ASUS EPU-6 Engine

System Level Energy Saving
The new ASUS EPU - the world´s first power saving engine, has been upgraded to a new 6 engine version, which provides total system power savings by detecting current PC loadings and intelligently moderating power in real-time. With auto phase switching for components (which includes the CPU, VGA card, memory, chipset,

Sound with Clarity

SupremeFX X-Fi built-in

Listen with absolute HD
Play in extreme fidelity !
SupremeFX X-Fi delivers an excellent high definition audio experience to the gamers of ROG. The SupremeFX X-Fi features unique audio innovations for gamers to spot enemies in 3D environment during game play. SupremeFX X-Fi combines the technological quality design of SupremeFX and sound effect technology from Creative Labs to offer games exceptional game sound with absolute quality.

hard drives and CPU cooler/system fans), the EPU automatically provides the most appropriate power usage via intelligent acceleration and overclocking - helping save power and money.

Noise Filter

Eliminate background noise while recording
This feature detects repetitive and stationary noises like computer fans, air conditioners, and other background noises then eliminates it in the incoming audio stream while recording.

ROG EZ DIY Features

Onboard Switch

No more shorting pins or moving jumpers
With an easy press during overclock, this exclusive onboard switch allows gamer to effortlessly fine-tune the performance without having to short the pins or moving jumpers!

ASUS Q-Connector

Make connections quick and accurate
The Q-Connector allows you to connect or disconnect chassis front panel cables in one easy step with one complete module. This unique adapter eliminates the trouble of plugging in one cable at a time, making connection quick and accurate.

Rich Software Bundled

Kaspersky® Anti-Virus

The best protection from viruses and spyware
Kaspersky® Anti-Virus Personal offers premium antivirus protection for individual users and home offices. It is based on advanced antivirus technologies. The product incorporates the Kaspersky® Anti-Virus engine, which is renowned for malicious program detection rates that are among the industry´s highest.

Specifications

CPU	Intel® Socket 1156 Core™ i7 Processor/Core™ i5 Processor Supports Intel® Turbo Boost Technology * Refer to www.asus.com for Intel CPU support list
Chipset	Intel® P55 Express Chipset
Memory	4 x DIMM, Max. 16 GB, DDR3 2133(O.C.)*/2000(O.C.)/1600/1333/1066 Non-ECC,Un-buffered Memory Dual Channel memory architecture * Hyper DIMM support is subject to the physical characteristics of individual CPUs. **Supports Intel® Extreme Memory Profile (XMP) *** Please refer to www.asus.com or user manual for the Memory QVL(Qualified Vendors Lists).
Expansion Slots	2 x PCIe 2.0 x16 (support single at x16 or dual at x8/x8 mode) 1 x PCIe x4 1 x PCI 2.2
Multi-GPU Support	Supports NVIDIA® Quad-GPU SLI™ Technology / ATI® Quad-GPU CrossFireX™ Technology
Storage	**Intel® P55 Express Chipset built-in** 6 xSATA 3.0 Gb/s ports Intel Matrix Storage Technology Support RAID 0,1,5,10 JMicron® JMB363 SATA controller 1 xExternal SATA 3.0 Gb/s port at rear (SATA On-the-Go) 1 xSATA 3.0 Gb/s port
LAN	Gigabit LAN controller featuring AI NET2 GameFirst
Audio	SupremeFX X-Fi built-in - 8-channel High Definition Audio CODEC - EAX® Advanced™ HD 4.0

	- X-Fi CMSS®-3D - X-Fi Crystalizer™ - Creative ALchemy - Blu-ray support - Supports Optical S/PDIF out port on rear
IEEE 1394	2 x 1394a ports (1 port at back I/O, 1 port onboard)
USB	14 USB 2.0/1.1 ports (5 ports at mid-board, 9 ports at back panel)
ASUS Unique Features	MemOK! MemPerfect ProbeIt Onboard Switches: Power / Reset / Clr CMOS (at rear) ASUS Q-LED (CPU, DRAM, VGA, Boot Device LED) ASUS Q-Connector ASUS Q-Slot ASUS Q-DIMM ASUS EPU ASUS Fan Xpert ASUS MyLogo3 ASUS EZ Flash 2 ASUS CrashFree BIOS 3
Overclocking Features	CPU Power Design - 8-phase CPU power - 2-phase VTT power - 2-phase Memory power ROG Connect CPU Level Up iROG Extreme Tweaker Loadline Calibration Intelligent overclocking tools: - ASUS TurboV EVO - O.C. Profile Overclocking Protection: - COP EX (Component Overheat Protection - EX) - Voltiminder LED - ASUS C.P.R.(CPU Parameter Recall)
Back Panel I/O Ports	1 x External SATA 1 x S/PDIF Out (Optical) 1 x IEEE 1394a 1 x LAN(RJ45) port 9 x USB 2.0/1.1 1 x PS/2 Keyboard port (purple) 1 x Clr CMOS switch 1 x ROG Connect On/Off switch 8-channel Audio I/O with gold-plated jack
Internal I/O Connectors	3 x USB connectors supports additional 5 USB 2.0 ports (1 port reserved for ROG Connect at rear) 1 x IEEE 1394a connector 7 x SATA connectors (one is from JMicron® 363 (black)) 5 x Fan connectors: 1 x CPU / 2 x Chassis / 2 x Optional 1 x SPDIF out header 1 x CD audio in 1 x Front panel audio connector 2 x thermal sensor connectors 1 x 24-pin ATX Power connector 1 x 8-pin ATX 12V Power connector 1 x En/Dis-able Clr CMOS header 5 x ProbeIt measurement points 1 x Go Button System panel connector
BIOS	16 Mb Flash ROM , AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.4, ACPI2.0a Multi-Language BIOS
Manageability	WOL by PME,WOR by PME,PXE
Accessories	User's manual 1 x I/O Shield 1 x ROG Connect Cable 1 x ROG Cable Labels (12 in 1)

	1 x SLI Cable 1 x 2-in-1 ASUS Q-Connector Kit 3 x 2-in-1 SATA signal cables 1 x Cable Ties 1 x ROG Theme Label
Support Disc	Support DVD: - Drivers and applications Sound Blaster X-Fi Utility ROG GameFirst Utility ASUS TurboV EVO Utility ASUS PC Probe II ASUS Update ASUS AI Suite Kaspersky® Anti-Virus
Form Factor	uATX Form Factor 9.6 inch x 9.6 inch (24.4 cm x 24.4 cm)